

Converting Colors

Hex(273B3B)

Have a look what the booklet for
Hex(273B3B) contains.

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Color

Hex(273B3B)

Conversions

Conversions Part 1

Format	Color
Hex	273B3B
RGB	39, 59, 59
RGB Percent	15%, 23%, 23%
CMY	0.8471, 0.7686, 0.7686
CMYK	0.34, 0.00, 0.00, 0.77
HSL	180°, 20%, 19%
HSV	180°, 34%, 23%
XYZ	3.1901, 3.8750, 4.7175
YIQ	53.0200, -11.9200, -4.2400

Conversions

Conversions Part 2

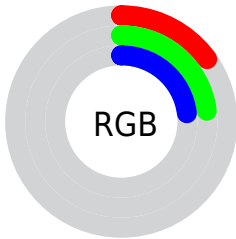
Format	Color
R _Y B	39, 49, 59
Decimal	2571067
CIE Lab	23.25, -7.91, -2.57
CIE LCh	23, 8.319, 197.962
Yxy	3.8750, 0.2707, 0.3289
Android (android.graphics.Color)	4280761147 (0xFF273B3B)
YUV	53.0200, 2.9481, -12.2955
Hunter-Lab	19.6851, -5.5220, -0.4292




Details

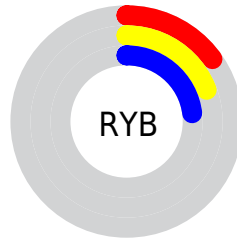
The Hex color **273B3B** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3B2727**, and the grayscale version is **353535**.




A 20% lighter version of the original color is **556A6A**, and **001110** is the 20% darker color. If you saturate the color by 10%, you get **213B3B**, and if you desaturate by 10%, it is **2D3B3B**.

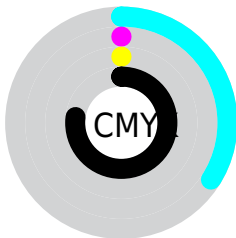
Distribution







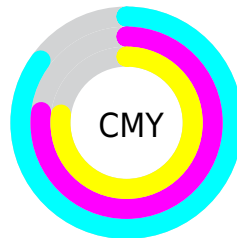
-  Red (15%)
-  Green (23%)
-  Blue (23%)






-  Red (15%)
-  Yellow (19%)
-  Blue (23%)



-  Cyan (34%)
-  Magenta (0%)
-  Yellow (0%)
-  Black (77%)



-  Cyan (85%)
-  Magenta (77%)
-  Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 273B3B changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 273B3B by changing the saturation by 10% instead.

■ 273B3B

■ 273B3B

FFFFFF

■ 122525

■ 556A6A

■ 001110

■ 6E8383

■ 000000

■ 879E9D

■ A1B8B8

■ BCD4D4

■ D8F0F0

■ F5FFFF

■ 273B3B

■ 273B3B

■ 213B3B

■ 2D3B3B

■ 1B3B3B

■ 333B3B

■ 153B3B

■ 393B3B

■ 0F3B3B

■ 3F3B3B

■ 0A3B3B

■ 453B3B

■ 043B3B

■ 4A3B3B

■ 003B3B

■ 503B3B

■ 563B3B

■ 5C3B3B

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



2B3B35



273B3B



283A40

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



273B3B



3D3540



3F362B

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



273B3B



3B2727

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



43342E



273B3B



42333A

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



273B3B



353743



443334



38382C

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



273B3B



2B3943



443334



40352C

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



273B3B



454D4D



273B27



222626



A6A6A6



262626

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



273B3B



2D4D4D



27313B



1C1F1F



005E5E



00DEDE

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



3B273B



4D2D4D



3B3127



1F1C1F



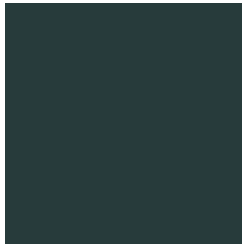
5E005E



DE00DE

Previews

White Background



This preview shows how the Hex color 273B3B looks on a white background.

Color Contrast Check

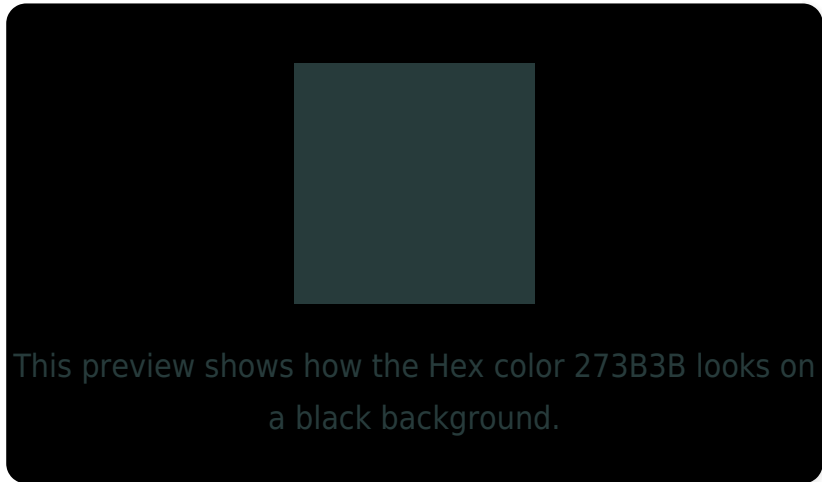
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

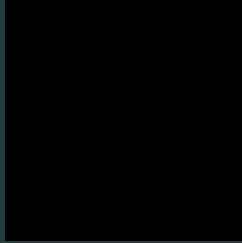
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

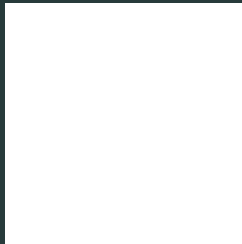
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 273B3B Background



This preview shows how black text looks on a background with the Hex color 273B3B.



This preview shows how white text looks on a background with the Hex color 273B3B.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
273B3B

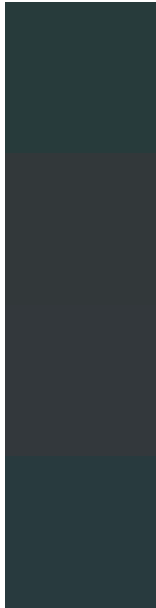
Protanopia
383739

Deuteranopia
3A363C



Tritanopia
283A3F

Trichromacy



Original Color
273B3B

Protanomaly
32383A

Deuteranomaly
33383C

Tritanomaly
283A3E

Monochromacy



Original Color
273B3B

Achromatopsia
353535

Achromatomaly
303737

CSS Examples

Text

The CSS property to change the color of the text to Hex 273B3B is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #273B3B looks like.

```
.text, #text, p{  
    color:#273B3B  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #273B3B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #273B3B
}
```

Border

The CSS property to change the border of an element to Hex 273B3B is called "border". The border property can be set on classes, ids or directly on the HTML element.

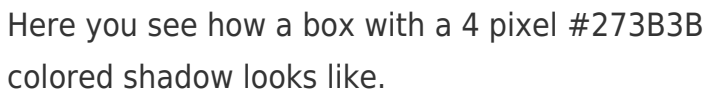
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#273B3B }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#273B3B }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel #273B3B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #273B3B; -webkit-box-shadow:4px 4px  
4px 4px #273B3B; box-shadow:4px 4px 4px  
4px #273B3B }
```

Background

The CSS property to change the background color of an element to Hex 273B3B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#273B3B }
```

If only the background color should be changed can be used:

```
.background{ background-color:#273B3B }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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